Rec'd PCT/PTO A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B11/105 G11E 27 APR 2005 G11B5/84 G11B5/64 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Υ EP 0 848 381 A (CANON KK) 1 - 1517 June 1998 (1998-06-17) cited in the application the whole document Y US 6 440 520 B1 (BAGLIN JOHN EDWARD ERIC 1 - 15ET AL) 27 August 2002 (2002-08-27) the whole document DIETZEL A ET AL: "ION PROJECTION DIRECT Α 1 STRUCTURING FOR PATTERNING OF MAGNETIC MEDIA" IEEE TRANSACTIONS ON MAGNETICS, IEEE INC. NEW YORK, US, vol. 38, no. 5, September 2002 (2002-09), pages 1952-1954, XP001131524 ISSN: 0018-9464 the whole document Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* tater document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled O' document referring to an oral disclosure, use, exhibition or other means in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 09/09/2004 1 September 2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

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